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Earthquake Shaking — Orange Alert

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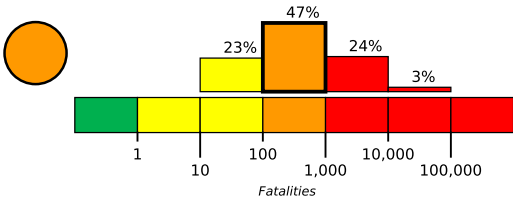
M 6.7, 11km NNE of Doganyol, Turkey

Origin Time: 2020-01-24 17:55:14 UTC (Fri 20:55:14 local)
Location: 38.4097° N 39.0643° E Depth: 10.0 km

PAGER Version 8

Created: 1 week, 6 days after earthquake

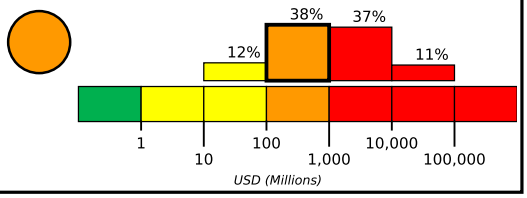
Estimated Fatalities



Orange alert for shaking-related fatalities and economic losses. Significant casualties and damage are likely and the disaster is potentially widespread. Past orange alerts have required a regional or national level response.

Estimated economic losses are less than 1% of GDP of Turkey.

Estimated Economic Losses

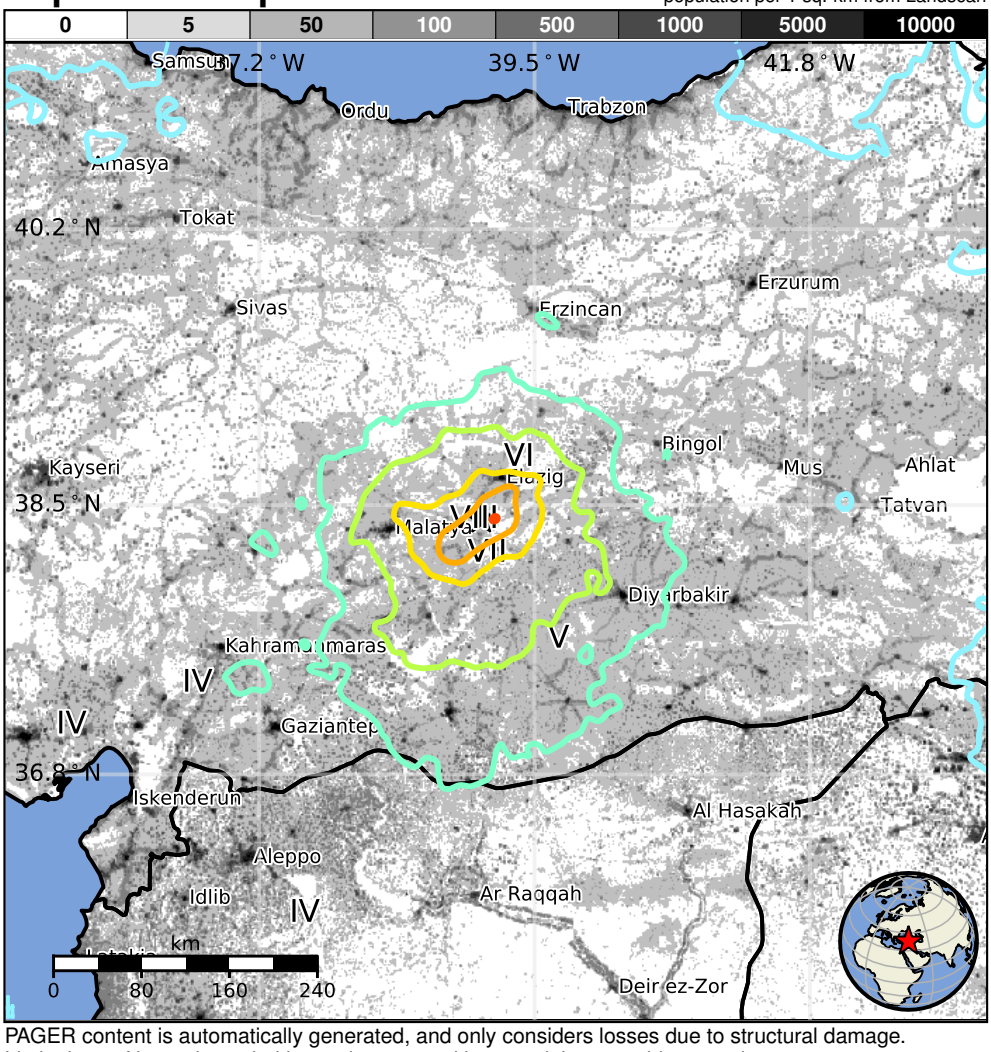


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		–*	1,760k*	36,299k*	4,454k	1,540k	758k	74k	9k	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unreinforced brick masonry and adobe block construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1992-03-13	153	6.6	IX(151k)	498
1983-10-30	342	6.6	IX(4k)	1k
1966-08-19	233	6.8	VIII(15k)	3k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VIII	Gozeli	<1k
VIII	Puturge	<1k
VIII	Doganyol	6k
VIII	Mollakendi	<1k
VIII	Sivrice	5k
VII	Tepehan	<1k
V	**Diyarbakir**	**645k**
V	**Gaziantep**	**1,066k**
IV	**Aleppo**	**1,602k**
IV	Mosul	1,740k
IV	Adana	1,249k

bold cities appear on map. (k=x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

https://earthquake.usgs.gov/earthquakes/eventpage/us60007ewc#pager

Event ID: us60007ewc